WEST Search History

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DATE: Monday, August 07, 2006

Hide?	Set Name	Query	Hit Count
	DB=PGPB; PLUR=YES; OP=ADJ		
☐	L7	US-20040099287-A1.did.	1
☐	L6	US-20040099287-A1.did.	1
	DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
☐	L5	dishwasher and control$ and (electrical characteristic) and supplying and water and time and detect$	1
	DB=PGPB,USPT; PLUR=YES; OP=ADJ		
☐	L4	dishwasher and control$ and (electrical characteristic) and supplying and water and time and detect$	5
☐	L3	dishwasher and control$ and (electrical characteristic) and supplying and water time and detect$	0
☐	L2	dishwasher with control$ with (electrical characteristic) with supplying with water time with detect$	0
☐	L1	dishwasher with control$ with (electrical characteristic) with supplying with water time with indicative	0

END OF SEARCH HISTORY

WEST Search History

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Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT; PLUR=YES; OP=ADJ	
☐	L4	dishwasher and control$ and (electrical characteristic) and supplying and water and time and detect$	5
☐	L3	dishwasher and control$ and (electrical characteristic) and supplying and water time and detect$	0
☐	L2	dishwasher with control$ with (electrical characteristic) with supplying with water time with detect$	0
☐	L1	dishwasher with control$ with (electrical characteristic) with supplying with water time with indicative	0

END OF SEARCH HISTORY

Hit List

First Hit Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20040254654 A1

L4: Entry 1 of 5 File: PGPB Dec 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040254654
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040254654 A1

TITLE: Electrical appliance energy consumption control methods and electrical energy consumption systems

PUBLICATION-DATE: December 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Donnelly, Matthew K.	Kennewick	WA	US
Chassin, David P.	Pasco	WA	US
Dagle, Jeffery E.	Richland	WA	US
Kintner-Meyer, Michael	Richland	WA	US
Winiarski, David W.	Kennewick	WA	US
Pratt, Robert G.	Kennewick	WA	US
Borbely-Bartis, Anne Marie	Alexandria	VA	US

US-CL-CURRENT: 700/22

ABSTRACT:

Electrical appliance energy consumption control methods and electrical energy consumption systems are described. In one aspect, an electrical appliance energy consumption control method includes providing an electrical appliance coupled with a power distribution system, receiving electrical energy within the appliance from the power distribution system, consuming the received electrical energy using a plurality of loads of the appliance, monitoring electrical energy of the power distribution system, and adjusting an amount of consumption of the received electrical energy via one of the loads of the appliance from an initial level of consumption to an other level of consumption different than the initial level of consumption responsive to the monitoring.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 2. Document ID: US 20040099287 A1

L4: Entry 2 of 5 File: PGPB May 27, 2004

PGPUB-DOCUMENT-NUMBER: 20040099287
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040099287 A1

TITLE: Dishwasher control method and dishwasher using the same

PUBLICATION-DATE: May 27, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Shin, Dong Hoon	Changwon-si		KR

US-CL-CURRENT: 134/18; 134/25.2

ABSTRACT:

A dishwasher control method and dishwasher using the same is provided, by which product cost of the dishwasher is reduced as well as a water supply amount is optimized. The method includes steps of supplying water to a washtub for a first predetermined time period; driving a wash motor when the first predetermined time period has elapsed; determining an electrical characteristic of the driven wash motor; comparing a value indicative of the determined electrical characteristic with a predetermined value indicative of a desired electrical characteristic of the wash motor; and discontinuing the water supplying step if the determined electrical characteristic value is not less than the predetermined value for a second predetermined time period. If the determined electrical characteristic value fails to reach the predetermined value before a lapse of a third predetermined time period, the wash motor is stopped and a water supply error message is displayed.

☐ 3. Document ID: US 7010363 B2

L4: Entry 3 of 5 File: USPT Mar 7, 2006

US-PAT-NO: 7010363
DOCUMENT-IDENTIFIER: US 7010363 B2

TITLE: Electrical appliance energy consumption control methods and electrical energy consumption systems

DATE-ISSUED: March 7, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040254654 A1	December 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Donnelly; Matthew K.	Kennewick	WA		US
Chassin; David P.	Pasco	WA		US
Dagle; Jeffery E.	Richland	WA		US
Kintner-Meyer; Michael	Richland	WA		US
Winiarski; David W.	Kennewick	WA		US
Pratt; Robert G.	Kennewick	WA		US
Boberly-Bartis; Anne Marie	Alexandria	VA		US

US-CL-CURRENT: 700/19; 137/387, 323/299, 323/303, 62/176.3, 700/20, 700/22, 700/286, 700/291, 700/296, 700/297, 700/298 , 702/60, 702/61, 702/62, 702/63

ABSTRACT:

Electrical appliance energy consumption control methods and electrical energy consumption systems are described. In one aspect, an electrical appliance energy consumption control method includes providing an electrical appliance coupled with a power distribution system, receiving electrical energy within the appliance from the power distribution system, consuming the received electrical energy using a plurality of loads of the appliance, monitoring electrical energy of the power distribution system, and adjusting an amount of consumption of the received electrical energy via one of the loads of the appliance from an initial level of consumption to an other level of consumption different than the initial level of consumption responsive to the monitoring.

104 Claims, 11 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 6

☐ 4. Document ID: US 4484243 A

L4: Entry 4 of 5 File: USPT Nov 20, 1984

US-PAT-NO: 4484243
DOCUMENT-IDENTIFIER: US 4484243 A

TITLE: Protective circuit arrangement for a sheathed heating element

DATE-ISSUED: November 20, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Herbst; LeRoy J.	Monroe	CT		
Hollenbeck; Robert K.	Louisville	KY		
Hooker; John M.	Louisville	KY		
Jenkins; Thomas E.	Louisville	KY		
Preher; John L.	Louisville	KY		
Rickard; Jimmy R.	Louisville	KY		

US-CL-CURRENT: 361/50; 219/509, 361/104, 361/42, 392/457

ABSTRACT:

A protective circuit arrangement for sheathed heating elements which interrupts ground fault conditions by effectively decoupling the power line from the heating element regardless of the polarity of the power supply connections. A fusible link couples each side of the heating element to the power supply. A normally open switch responsive to current in the ground path switches a relatively low resistance shunt current path across the heating element when the ground current exceeds a predetermined threshold level. Closure of the shunt path enables sufficient current to flow in the power supply lines to actuate the fusible links. Circuit parameters are selected such that the current in the fusible link coupled to the hot power line is sufficiently greater than that in the fusible link coupled to the neutral line to cause the hot power line fusible link to be actuated first, thereby interrupting the fault condition and decoupling the hot power line from the heating element.

9 Claims, 3 Drawing figures
Exemplary Claim Number: 8
Number of Drawing Sheets: 2

☐ 5. Document ID: US 3846615 A

L4: Entry 5 of 5 File: USPT Nov 5, 1974

US-PAT-NO: 3846615
DOCUMENT-IDENTIFIER: US 3846615 A
** **See image for Certificate of Correction** **

TITLE: LIQUID TEMPERATURE CONTROL AND LOW LIQUID LEVEL DETECTOR

DATE-ISSUED: November 5, 1974

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Athey; Stuart E.	Troy	OH		
Thornburg; W. Edwin	Troy	OH		

US-CL-CURRENT: 392/441; 134/105, 134/57D, 392/471

ABSTRACT:

A dishwasher includes a wash tank having means for heating a washing liquid in the tank, a temperature sensor arranged in the tank for controlling the heating means, and means for sensing that the liquid is above a predetermined level. The temperature sensor is a thermistor connected to a circuit for controlling the operation of the heating means. The control circuit will also disable the heating means should the thermistor become either open or shorted. The liquid level detector is a reed switch actuated by a magnet in a float. The reed switch is connected to the control circuit and will cause the heating means to be disabled should the liquid level fall below the temperature sensor. A time delay circuit is

provided to prevent intermittent operation of the heating means due to turbulence of the surface of the liquid which causes the reed switch to open and close rapidly. The reed switch and thermistor are contained in a single housing within the wash tank. A light emitting diode is connected in the circuit to the heater means to indicate when it is operative.

13 Claims, 3 Drawing figures
Number of Drawing Sheets: 3

Full | Title | Citation | Front | Review | Classification | Date